

IN THE CLAIMS:

Please cancel Claims 1, 3, 11, 15, 16, 19, 21, 29, 33, 34, 37, 40, and 42 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 2, 4, 5, 7, 9, 12, 20, 22, 35, 36, 38, 39, and 41, and add new Claims 43-45, as follows:

1. (Cancelled)

2. (Currently Amended) An image forming apparatus that processes data described in a predetermined descriptive language, the apparatus comprising:

an image storage location interpreting module that interprets a storage location of image data of an image described according to the predetermined descriptive language;

an image data obtaining module that obtains the image data based on the storage location of the image data interpreted by the image storage location interpreting module;

a reading module that reads and obtains image forming information of the image from the data described in the predetermined descriptive language;

an image forming information interpreting module that interprets the image forming information obtained by the reading module; and

an image forming processing module that renders an image forming processing on the image data based on the image forming information interpreted by the image forming information interpreting module,

wherein the image forming information includes image trimming information,

wherein the image forming information interpreting module includes an image trimming information interpreting module that interprets the obtained image trimming information,

wherein the image forming processing module includes an image trimming processing module that renders a trimming processing on the image data based on the interpreted image trimming information, and

wherein the image trimming processing module executes the trimming processing prior to execution of any of a flipping processing, a rotation processing, and an image aspect ratio maintaining processing.

3. (Canceled)

4. (Currently Amended) An image forming apparatus according to claim 3 2, wherein the image trimming information is composed of a numerical value indicative of a coordinate of a left side of the image data, a numerical value indicative of a coordinate of an upper side of the image data, a numerical value indicative of a width of the image data, and a numerical value indicative of a height of the image data.

5. (Currently Amended) An image forming apparatus according to claim 1 2, wherein the image forming information includes image flipping information, the image forming information interpreting module includes an image flipping information interpreting module that interprets the image flipping information obtained, and the image forming processing module includes an image flipping processing module that renders an

image flipping processing on the image data based on the image flipping information interpreted.

6. (Original) An image forming apparatus according to claim 5, wherein the image flipping information includes a character string representative of a flipping about one of a horizontal axis and a vertical axis.

7. (Currently Amended) An image forming apparatus according to claim 1, wherein the image forming information includes image rotation angle, the image forming information interpreting module includes an image rotation angle interpreting module that interprets the image rotation angle obtained, and the image forming processing module includes an image rotation processing module that renders an image rotation processing on the image data based on the image rotation angle interpreted.

8. (Original) An image forming apparatus according to claim 7, wherein the image rotation angle is expressed in units of degrees.

9. (Currently Amended) An image forming apparatus according to claim 1, wherein the image forming information includes image aspect ratio maintaining information, the image forming information interpreting module includes an image aspect ratio maintaining information interpreting module that interprets the aspect ratio maintaining information obtained, and the image forming processing module includes an image aspect ratio maintaining processing module that renders an image aspect ratio

maintaining processing on the image data based on the image aspect ratio maintaining information interpreted.

10. (Original) An image forming apparatus according to claim 9, wherein the image aspect ratio maintaining information is composed of a character string including positional information indicative of where the image data is arranged in the rectangular image forming region and selection information indicative of whether or not a margin blank area is to be created in the rectangular image forming region.

11. (Canceled)

12. (Currently Amended) An image forming apparatus according to claim 1, wherein the descriptive language is an XML (Extensible Markup Language) standard specification.

13. (Original) An image forming apparatus according to claim 12, wherein the descriptive language is an SVG (Scalable Vector Graphics) standard specification.

14. (Original) An image forming apparatus according to claim 12, wherein the descriptive language is an XHTML (Extensible Hyper Text Markup Language) standard specification.

15. - 16. (Canceled)

17. (Original) An image forming apparatus according to claim 2, comprising a printing apparatus.

18. (Original) An image forming apparatus according to claim 2, comprising a printing apparatus.

19. (Canceled)

20. (Currently Amended) An image forming method that processes data described in a predetermined language, the image forming method comprising:

an image storage location interpreting step of interpreting a storage location of image data of an image described according to the predetermined descriptive language;

an image data obtaining step of obtaining the image data based on the storage location of the image data interpreted in the image storage location interpreting step;

a reading step of reading and obtaining image forming information of the image from the data described in the predetermined descriptive language;

an image forming information interpreting step of interpreting the image forming information obtained in the reading step; and

an image forming processing step of rendering an image forming processing on the image data based on the image forming information interpreted in the image forming information interpreting step,

wherein the image forming information includes image trimming information,

wherein the image forming information interpreting step includes an image trimming information interpreting step of interpreting the obtained image trimming information,

wherein the image forming processing step includes an image trimming processing step of rendering a trimming processing on the image data based on the interpreted image trimming information, and

wherein the image trimming processing step executes the trimming processing prior to execution of any of a flipping processing, a rotation processing, and an image aspect ratio maintaining processing.

21. (Canceled)

22. (Currently Amended) An image forming method according to claim 21 20, wherein the image trimming information is composed of a numerical value indicative of a coordinate of a left side of the image data, a numerical value indicative of a coordinate of an upper side of the image data, a numerical value indicative of a width of the image data, and a numerical value indicative of a height of the image data.

23. (Original) An image forming method according to claim 20 wherein the image forming information includes image flipping information, the image forming interpreting step includes an image flipping information interpreting step that interprets the image flipping information obtained, and the image forming processing step includes an

image flipping processing step that renders an image flipping processing on the image data based on the image flipping information interpreted.

24. (Original) An image forming method according to claim 23, wherein the image flipping information includes a character string representative of a flipping about one of a horizontal axis and a vertical axis.

25. (Original) An image forming method according to claim 20, wherein the image forming information includes image rotation angle, the image forming information interpreting step includes an image rotation angle interpreting step that interprets the image rotation angle obtained, and the image forming processing step includes an image rotation processing step that renders an image rotation processing on the image data based on the image rotation angle interpreted.

26. (Original) An image forming method according to claim 25, wherein the image rotation angle is expressed in units of degrees.

27. (Original) An image forming apparatus according to claim 20, wherein the image forming information includes image aspect ratio maintaining information, the image forming information interpreting step includes an image aspect ratio maintaining information interpreting step that interprets the image aspect ratio maintaining information obtained, and the image forming processing step includes an image aspect ratio

maintaining processing step that renders an image aspect ratio maintaining processing on the image data based on the image aspect ratio maintaining information interpreted.

28. (Original) An image forming method according to claim 27, wherein the image aspect ratio maintaining information is composed of a character string including positional information indicative of where the image data is arranged in the rectangular image forming region and selection information indicative of whether or not a margin blank area is to be created in the rectangular image forming region.

29. (Canceled)

30. (Original) An image forming method according to claim 20, wherein the descriptive language is an XML (Extensible Markup Language) standard specification.

31. (Original) An image forming method according to claim 30, wherein the descriptive language is an SVG (Scalable Vector Graphics) standard specification.

32. (Original) An image forming method according to claim 30, wherein the descriptive language is an XHTML (Extensible Hyper Text Markup Language) standard specification.

33. - 34. (Canceled)

35. (Currently Amended) An image forming method apparatus according to claim 20, comprising an image processing method.

36. (Currently Amended) An image forming method apparatus according to claim 20, comprising a printing method.

37. (Canceled)

38. (Currently Amended) A computer readable storage medium that stores an image forming program that makes a computer to execute an image forming method that processes data described in a predetermined description language, the computer readable storage medium comprising:

an image storage location interpreting step of interpreting a storage location of image data of an image described according to the predetermined descriptive language;

an image data obtaining step of obtaining the image data based on the storage location of the image data interpreted in the image storage location interpreting step;

a reading step of reading and obtaining image forming information of the image from the data described in the predetermined descriptive language;

an image forming information interpreting step of interpreting the image forming information obtained in the reading step; and

an image forming processing step of rendering an image forming processing on the image data based on the image forming information interpreted in the image forming information interpreting step.

wherein the image forming information includes image trimming information,
wherein the image forming information interpreting step includes an image
trimming information interpreting step of interpreting the obtained image trimming
information,

wherein the image forming processing step includes an image trimming processing
step of rendering a trimming processing on the image data based on the interpreted image
trimming information, and

wherein the image trimming processing step executes the trimming processing
prior to execution of any of a flipping processing, a rotation processing, and an image
aspect ratio maintaining processing.

39. (Currently Amended) An image forming apparatus which interprets
commands to process forming of an image and executes ~~said~~ the commands, the image
forming apparatus comprising:

reading means for reading ~~said~~ the commands, wherein ~~said~~ the commands include
at least one of a trimming command to instruct to trim ~~said~~ the image, ~~[[a]]~~ an enlarging
command to instruct to enlarge the size of ~~said~~ the image and a rotating command to
instruct to rotate ~~said~~ the image, and ~~said~~ the commands are input in said reading means
without an order of execution of the commands being determined; and

control means for selecting the trimming command ~~to instruct to trim said image to~~
~~be executed firstly from said~~ for execution in preference to the other commands read by
said reading means regardless of ~~said~~ the order of inputting ~~said~~ the commands in said
reading means.

40. (Canceled)

41. (Currently Amended) An image forming method which interprets commands to process forming of an image and executes ~~said~~ the commands, the image forming method comprising:

a reading step of reading ~~said~~ the commands, wherein ~~said~~ the commands include at least one of a trimming command to instruct to trim ~~said~~ the image, ~~[[a]]~~ an enlarging command to instruct to enlarge the size of ~~said~~ the image and a rotating command to instruct to rotate ~~said~~ the image, and ~~said~~ the commands are input in said reading step without an order of execution of the commands being determined; and

a selecting step of selecting the trimming command ~~to instruct to trim said image to be executed firstly from said~~ for execution in preference to the other commands read in said reading step regardless of ~~said~~ the order of inputting ~~said~~ the commands in said reading ~~means~~ step.

42. (Canceled)

43. (New) An image forming apparatus comprising:

an obtaining unit that obtains image forming information described in a description language, the image forming information include image data and attributes of the image data, the attributes including a size designating command to designate a size of the image data and a trimming command to trim the image data;

a specifying unit that specifies the trimming command from among the image data attributes regardless of the order in which the attributes have been written, so as to execute the trimming command in preference to the other commands;

a trimming unit that trims the image data included in the image forming information obtained by said obtaining unit based on the trimming command specified by said specifying unit;

a region determining unit that determines, after the trimming by said trimming unit, an image forming region for the trimmed image data based on the size designating command included in the image forming information obtained by said obtaining unit; and

an enlarging unit that enlarges or reduces the image data trimmed by said trimming unit based on the image forming region determined by said region determining unit.

44. (New) An image forming method comprising the steps of:

obtaining image forming information described in a description language, the image forming information including image data and attributes of the image data, the attributes including a size designating command to designate a size of the image data and a trimming command to trim the image data;

specifying the trimming command from among the image data attributes regardless of the order in which the attributes have been written, so as to execute the trimming command in preference to the other commands;

trimming the image data included in the image forming information obtained in said obtaining step based on the trimming command specified in said specifying step;

determining, after the trimming in said trimming step, an image forming region for the trimmed image data based on the size designating command included in the image forming information obtained in said obtaining step; and

enlarging or reducing the image data trimmed in said trimming step based on the image forming region determined in said determining step.

45. (New) A computer-readable storage medium that stores a program for causing an apparatus to execute an image forming method comprising the steps of:

obtaining image forming information described in a description language, the image forming information including image data and attributes of the image data, the attributes including a size designating command to designate a size of the image data and a trimming command to trim the image data;

specifying the trimming command from among the image data attributes regardless of the order in which the attributes have been written, so as to execute the trimming command in preference to the other commands;

trimming the image data included in the image forming information obtained in said obtaining step based on the trimming command specified in said specifying step;

determining, after the trimming in said trimming step, an image forming region for the trimmed image data based on the size designating command included in the image forming information obtained in said obtaining step; and

enlarging or reducing the image data trimmed in said trimming step based on the image forming region determined in said determining step.